

Please amend the claims as follows:

1. (Currently Amended) A liquid coating material in the form of a water-in-oil dispersion which is ~~curable~~ cured with actinic radiation, is substantially or completely free from organic solvents and has a pH < 5, comprising
 - (A) at least one constituent selected from the group consisting of low molecular mass, oligomeric, and polymeric organic compounds which contain at least one group which can be activated with actinic radiation, and ~~also~~ air-drying and oxidatively drying alkyd resins,
 - (B) at least one acidic ester of polyphosphoric acid and at least one compound (b1) containing at least one hydroxyl group and at least one group which can be activated with actinic radiation,
 - (C) at least one acidic ester of monophosphoric acid and at least one compound (c1) containing at least one hydroxyl group and at least one group which can be activated with actinic radiation, and
 - (D) at least one acidic, corrosion-inhibiting pigment based on polyphosphoric acid.
2. (Currently Amended) The coating material ~~as claimed in~~ of claim 1, containing, based on the solids, 1 to 10% by weight of organically bonded P₂O₅.
3. (Currently Amended) The coating material ~~as claimed in~~ of claim 1 ~~or~~ 2, containing, based on the solids, 5 to 30% by weight of inorganically bonded P₂O₅.
4. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 3, wherein the proportion of pigment (D) to constituent (A) is 1:0.5 to 1:10.
5. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 4, having a solids content of 70 to 99% by weight.
6. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 5, wherein the pigment (D) is selected from the group consisting of acidic aluminum polyphosphates and zinc polyphosphates.
7. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 6, wherein the low molecular mass organic compound (A) is a reactive diluent.
8. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 7, wherein the oligomeric or polymeric compound (A) is an oligourethane or polyurethane.
9. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 8, wherein the air-drying and oxidatively drying alkyd resin (A) has an oil length of 20 to 60%, based on the alkyd resin (A), 45 to 65 eq.% of the olefinically unsaturated double bonds present in the unsaturated fatty acid residues being conjugated.

10. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 9, wherein the group which can be activated with actinic radiation contains at least one bond which can be activated with actinic radiation.

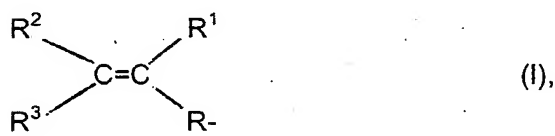
5 11. (Currently Amended) The coating material ~~as claimed in~~ of claim 10, wherein the actinic radiation is electromagnetic radiation or corpuscular radiation.

12. (Currently Amended) A coating material ~~as claimed in of~~ claim 11, wherein the electromagnetic radiation embraces near infrared (NIR), visible light, UV
10 radiation, X-rays, and gamma radiation and the corpuscular radiation embraces electron beams, proton radiation, alpha radiation, beta radiation, and neutron radiation.

13. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 12, wherein the bond which can be activated with actinic radiation is at least one of
15 a carbon-carbon double bond and/or a triple bond.

14. (Currently Amended) The coating material ~~as claimed in of~~ claim 13, wherein the bond which can be activated with actinic radiation is a carbon-carbon
20 double bond.

15. (Currently Amended) The coating material ~~as claimed in of~~ claim 14, wherein the bond which can be activated with actinic radiation is contained in groups of the general formula I:
25



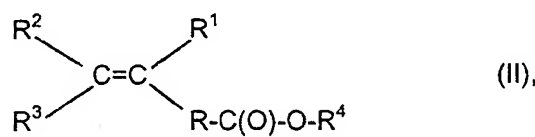
in which the variables have the following meanings:

30 R is a carbon-carbon single bond to the carbon atom of a carbonyloxy group or a divalent organic radical; and

R¹, R² and R³ are each a hydrogen atom or an organic radical;

35 it being possible for at least two of the radicals R, R¹, R², and R³ to be linked cyclically to one another.

16. (Currently Amended) The coating material ~~as claimed in any of~~ claims 1 to 15, wherein the compounds (b1) and (c1) are selected from the group consisting of
40 carboxylic esters of the general formula II:



45 in which the variables R, R¹, R², and R³ are as defined above and the variable R⁴ stands for a hydroxyl-containing monovalent organic radical.

17. (Currently Amended) A polyester as set forth in claim 16, wherein the monovalent organic radical R⁴ comprises or consists of at least one radical which is selected from the group consisting of hydroxyl-containing alkyl, cycloalkyl, and aryl radicals.

18. (Currently Amended) The coating material as ~~claimed in any of claims 13 to 17~~, wherein the group which can be activated with actinic radiation is a (meth)acrylate group.

19. (Currently Amended) The coating material as ~~claimed in any of claims 13 to 18~~, wherein the compounds (b1) and (c1) are selected from the group of the hydroxyalkyl (meth)acrylates.

20. (Currently Amended) The coating material as ~~claimed in any of claims 1 to 20~~, comprising at least one additive (E).

21. (Currently Amended) The coating material as ~~claimed in~~ of claim 20, wherein the additive (E) is selected from the group consisting of polyphosphoric acid, dryers, organic and inorganic, colored and achromatic, optical effect, electrically conductive, magnetically shielding, and fluorescent pigments other than the pigments (D), transparent and opaque, organic and inorganic fillers, nanoparticles, oligomeric and polymeric binders other than the constituents (A), UV absorbers, light stabilizers, free-radical scavengers, photoinitiators, devolatilizers, slip additives, polymerization inhibitors, defoamers, emulsifiers and wetting agents other than the constituents (C), adhesion promoters, leveling agents, film formation auxiliaries, rheology control additives, and flame retardants.

22. (Currently Amended) A process for preparing a coating material as ~~claimed in any of claims 1 to 21~~ by mixing its constituents and homogenizing the resulting mixture, which comprises

(1) mixing at least one pigment (D) with a portion of at least one ester (B), at least one ester (C), water, and a portion of the constituent or constituents (A) and grinding the resultant mixture in a milling apparatus to give a pigment dispersion (1),

(2) mixing a further portion of the constituent or constituents (A) and a further portion of at least one ester (C) with one another and homogenizing the resulting mixture to give the makeup mixture (2), and

(3) then mixing the pigment dispersion (1) and the makeup mixture (2) with one another and homogenizing the resulting mixture to give the coating material (3).

23. (Currently Amended) The process as ~~claimed in~~ of claim 22, wherein the pigment dispersion (1) and the makeup mixture (2) are mixed with one another in a proportion of 3:1 to 0.33:1.

24. (Currently Amended) The process as ~~claimed in~~ of claim 22 ~~or 23~~, wherein, for preparing the pigment dispersion (1), use is made as constituents (A) of at least one alkyd resin and at least one low molecular mass organic compound.
- 5 25. (Currently Amended) The process as ~~claimed in any of~~ claims 22 ~~to 24~~, wherein, for preparing the makeup mixture (2), use is made as constituents (A) of at least one alkyd resin, at least one low molecular mass organic compound, and at least one oligomeric or polymeric organic compound.
- 10 26. (Currently Amended) The process as ~~claimed in any of~~ claims 22 ~~to 25~~, wherein the pigment dispersion (1) and the makeup mixture (2) are prepared using at least one additive (E).
- 15 27. (Currently Amended) The process as ~~claimed in~~ of claim 26, wherein, for preparing the pigment dispersion (1), use is made as additives (E) of at least one emulsifier which is different from the ester (C) or one non-(C) wetting agent and also at least one kind of nanoparticles.
- 20 28. (Currently Amended) The process as ~~claimed in~~ of claim 26 ~~or 27~~, wherein polyphosphoric acid, at least one photoinitiator, and at least one dryer are used as additives (E) for preparing the makeup mixture (2).
- 25 29. (Currently Amended) ~~The use of the A coil coating comprising the coating material as claimed in any of claims 1 to 21 or of the coating material prepared by means of the process as claimed in any of claims 22 to 28 to produce coil coatings.~~
30. (Currently Amended) ~~The use as claimed in claim 29, wherein the~~ The coil coatings of claim 30 comprising a ~~are~~ firmly adhering corrosion-inhibiting primer coats coating.